ABSTRACT

Using component-level test data to reduce system test. By modeling a system, sensitivity analysis reveals critical components and parameters of those components

5   required to meet system performance parameters. Critical components are tested for these parameters, and these measurements associated with the components. Systems may be assembled which are modeled to meet the system performance parameters based on the model and the measured parameters. Systems may be assembled and calibration coefficients derived and applied from the model and the measured

10   parameters.